

ABSTRACT OF DISCLOSURE

An electrophotographic image forming apparatus and a method of controlling development includes a current measuring unit to measure a developing current flowing between a developing roller and a photosensitive medium, and a controlling unit to calculate at least one of a thickness of a photosensitive film of the photosensitive medium, a thickness of a developer on a surface of the developing roller, and the quantity of development on the surface of the photosensitive medium using the measured developing current, and then display information concerning replacement of consumables, or control a developer supply vector and a development vector on a basis of the calculated value. In addition, the method of controlling development has measuring developing currents; calculating a capacitance of a photosensitive medium, the thickness of the developer, and an exposure potential of an electrostatic latent image using the measure developing currents; calculating the thickness of the photosensitive film, the thickness of the developer, and the quantity of development using the calculated values; and comparing the calculated values of the thickness of the photosensitive film, the thickness of the developer, and the quantity of development with preset standard values, respectively, and then displaying information concerning replacement of the photosensitive medium and the developer or controlling a developer supply vector and a developing vector.